



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

SNOOK ET AL.

Atty. Ref.: 839-1461

Serial No. 10/632,853

Group: 3745

Filed: August 4, 2003

Examiner: Unassigned

For: AIRFOIL SHAPE FOR A TURBINE BUCKET

\* \* \* \* \*

December 17, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUBMISSION OF EXCLUSIVE SUBSTITUTE POWER  
OF ATTORNEY AND EXCLUSIVE PROSECUTION HEREAFTER  
BY ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

Submitted herewith is an Exclusive Substitute Power of Attorney and Exclusive  
Prosecution Hereafter by Assignee under 37 C.F.R. §§ 1.36, 3.71 and 3.73

Respectfully submitted,

**NIXON & VANDERHYTE P.C.**

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Reg. No. 22,770

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\* \* \* \* \*

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY  
AND EXCLUSIVE PROSECUTION HEREAFTER BY  
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

The undersigned being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 30024** individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

I also authorize Nixon & Vanderhye to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.

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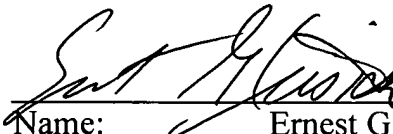
**Certificate Under 37 C.F.R. §3.73(b)**

I hereby certify that General Electric Company of 1 River Road, Schenectady, NY 12345 is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached.

I have reviewed the documents in the chain of title of the patent application identified above, and to the best of my knowledge and belief, title is in the aforesaid assignee for which I am empowered to act in this matter.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**GENERAL ELECTRIC COMPANY**

8/6/2003 By:   
Date Name: Ernest G. Cusick  
Title: Patent Counsel

**ASSIGNMENT**

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which we acknowledge receipt, we, DANIEL DAVID SNOOK, ROBERT ROMANY BY, BRUCE LOREN SMITH, GUNNAR LEIF SIDEN, CARLOS ALBERTO COLLADO and PETER GAINES CLEVELAND of 218 Kingsley Park Drive, Moore, South Carolina 29369; 11 Hickory Twig Way, Simpsonville, South Carolina 29681; 2005 Brockman-McClimon Road, Greer, South Carolina 29651; 3 Gallant Fox Way, Greenville, South Carolina 29615; 8 Longspur Court, Simpsonville, South Carolina 29680 and 1409 Roper Mountain Road, #581, Greenville, South Carolina 29615, hereby sell and assign to General Electric Company, a New York Corporation, having an address at 1 River Road, Schenectady, New York 12345, USA, (hereinafter referred to as "Company"), its successors and assigns our entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled AIRFOIL SHAPE FOR A TURBINE BUCKET and 135295

- ☒ signed as of even date,  
☐ signed as of \_\_\_\_\_, or  
☐ filed on \_\_\_\_\_ having Serial Number \_\_\_\_\_

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

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of facilities, equipment, materials, funds, information and services of our employer,  
GENERAL ELECTRIC COMPANY.

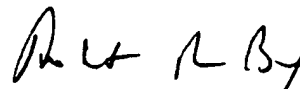
3. That to the best of our knowledge and belief the invention was not made  
(conceived or first actually reduced to practice) under terms of any contract, subcontract  
or arrangement entered into with or for the benefit of the National Aeronautics and  
Space Administration.

4. We declare further that all statements made herein of our own knowledge are  
true and that all statements made on information and belief are believed to be true; and  
further that these statements were made with the knowledge that willful false statements  
and the like so made are punishable by fine or imprisonment, or both, under Section  
1001 of Title 18 of the United States Code and that such willful false statements may  
jeopardize the validity of the application or any patent issuing thereon.



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